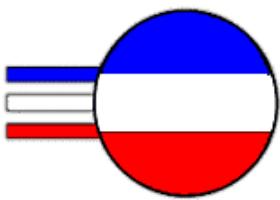




United States Army Forces Command  
FORSCOM 2nd Quarter FY 07 Risk Assessment  
Fort McPherson, GA



# Historical & Analytical Summary

## Findings

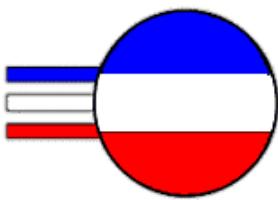
FY07

## 2nd Qtr Major Concerns

- Significant reduction in FY06 overall accidental fatalities
- Surge in motorcycle accidents in FY06
- Negligent discharge incidents/fatalities show continued need for weapons training and increased awareness
- Army Motor Vehicle accidents involving rollovers add to loss totals
- Continued incidents of death due to undiagnosed medical conditions
- High OPTEMPO and repeated rotations stress units and individuals

- POV & Motorcycle Fatalities
- Weapons Handling
- Mobilization & Deployment
- Aviation Operations
- Army Tactical Vehicle Operations
- Redeployment & Reconstitution
- Preventing Combat Casualties
- Training & Exercises
- Transformation
- Army Readiness

STANDARDS AND DISCIPLINE

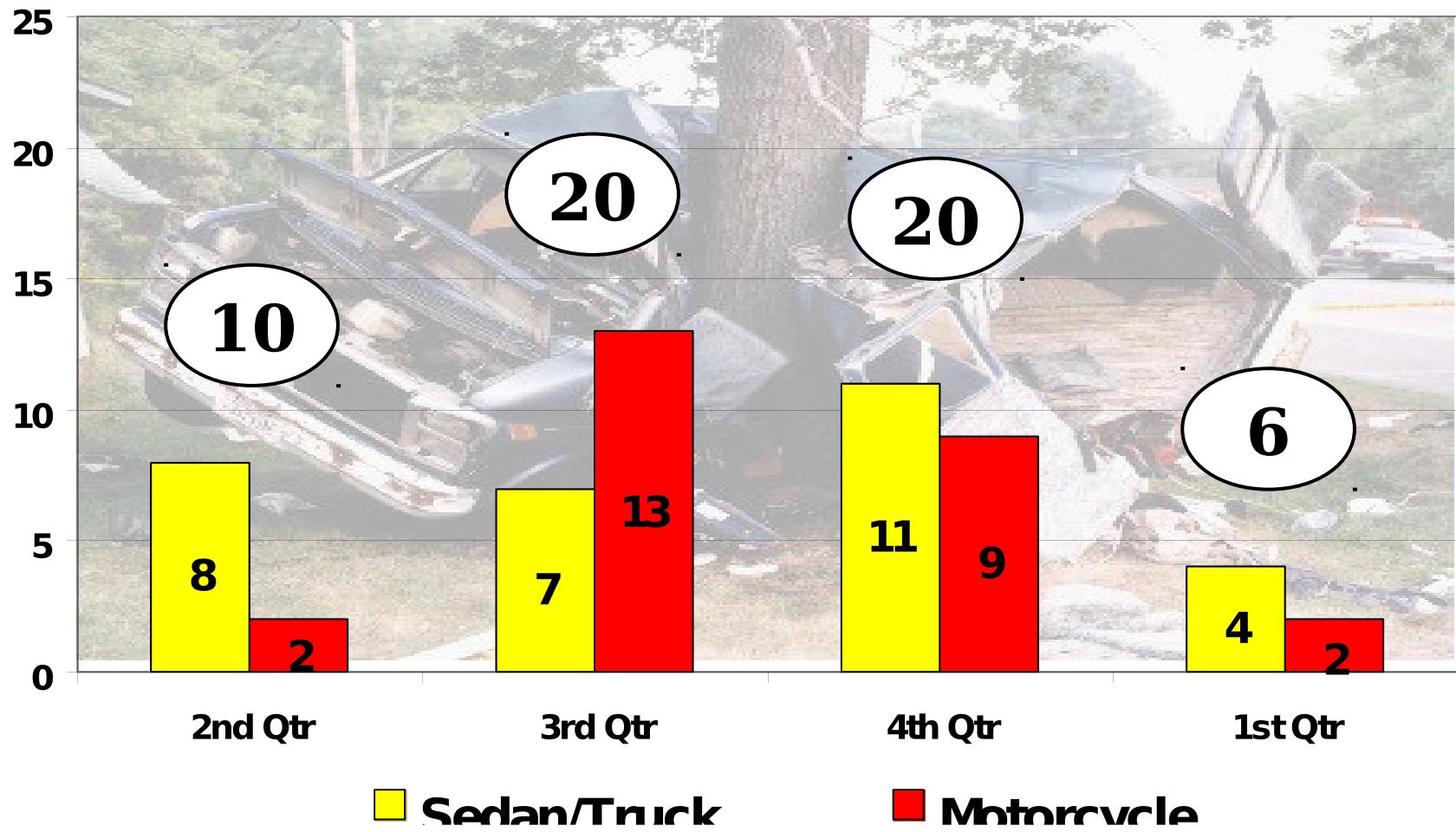


UNCLASSIFIED

# FORSCOM POV Fatalities

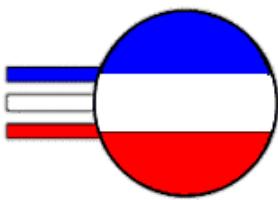
## Quarterly Analysis

as of 14 Dec 06



UNCLASSIFIED<sub>3</sub>

FORSCOM



# Areas of Concern - Initial Risk



## Areas of Concern

Standards & Disciplines	POV Operations	Ex Hig
	Weapons Handling	Ex Hig
	Mobilization & Deployment	Ex Hig
	Aviation Operations	Ex Hig
	Army Tactical Vehicle Operations	Ex Hig
	Redeployment & Reconstitution	Ex Hig
	Preventing Combat Casualties	Ex Hig
	Training & Exercises	High
	Transformation	High
	Army Readiness Assessment Program	Mod



Low Risk



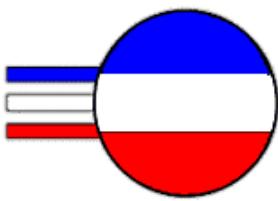
Moderate Risk



High Risk



Extremely High Risk



# POV Operations

## POTENTIAL RISKS

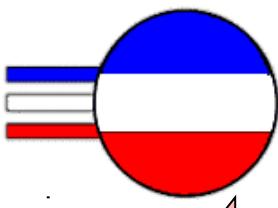
- Injury, disability or death
- Mission degradation/unit morale

## CONTRIBUTING FACTORS

- Speed/aggressive driving
- Inexperience/lack of training
- Driving under the influence, drowsy or distracted
- Winter driving weather, shorter periods of daylight
- Failure to wear seatbelts
- Post deployment purchases of high-

## COMMAND GUIDANCE

- Traffic Safety Instruction required for military personnel under age 26 (DODI 6055.4, 20 Jul 99)
- Conduct periodic/holiday POV safety classes/briefs (AR 385-55, Prevention of Motor Vehicle Accidents)
- Review of leave/pass travel plans
  - Pre-leave risk assessment (ASMIS-2) mandatory
  - Vehicle safety inspection
  - Winter driving hazards
- Six Point POV Program (directed by CSA)
- Maximize use of installation driver training programs
- Enforce revocations of driving privileges (AR 190-5 and CG Memo, 14 Mar 06)
- Comply with AR 600-8-4 (Para 2-6) in making line of duty determinations



# Weapons Handling

## POTENTIAL RISKS

- Injury, disability or death
- Mission degradation/unit morale

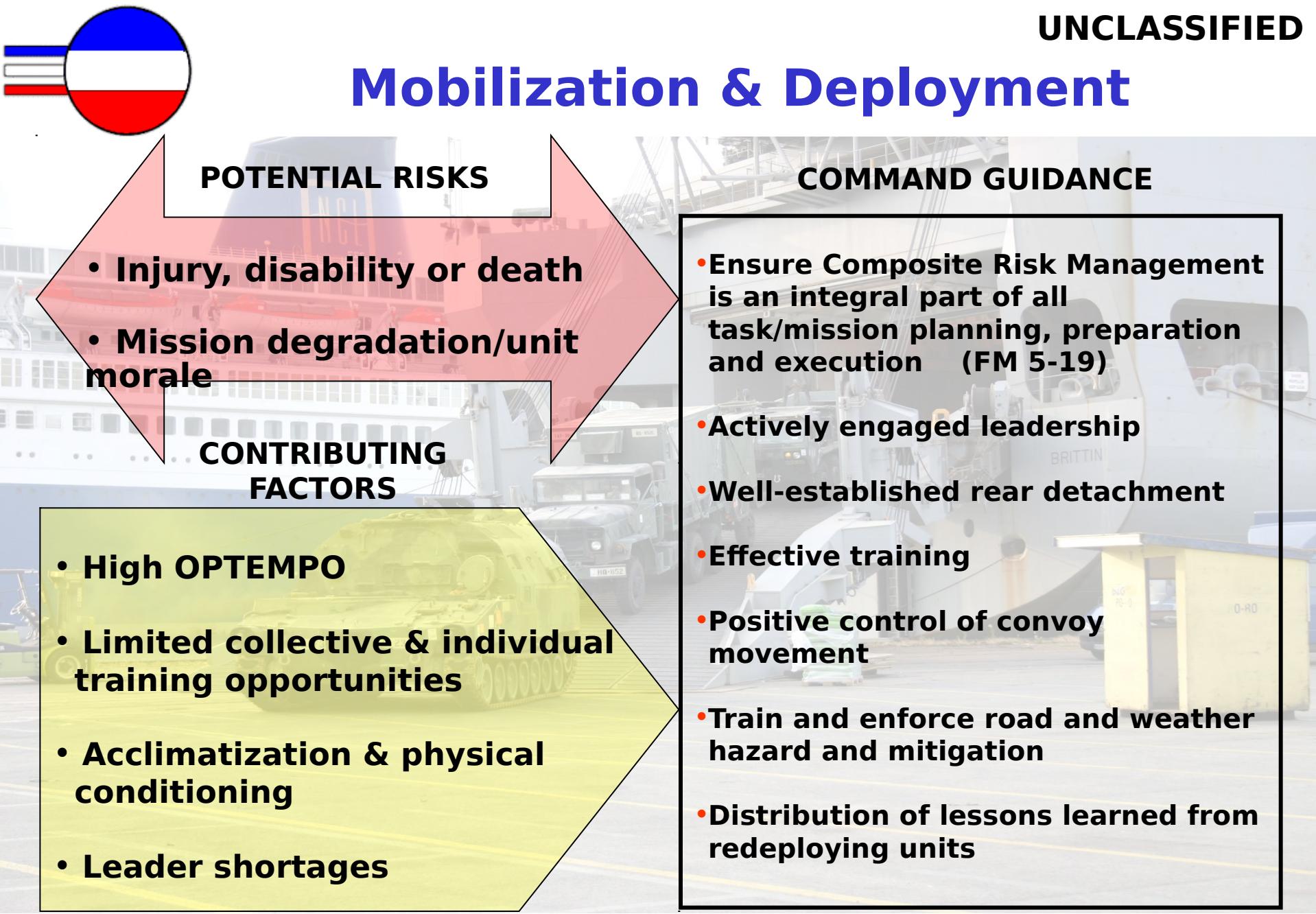
## CONTRIBUTING FACTORS

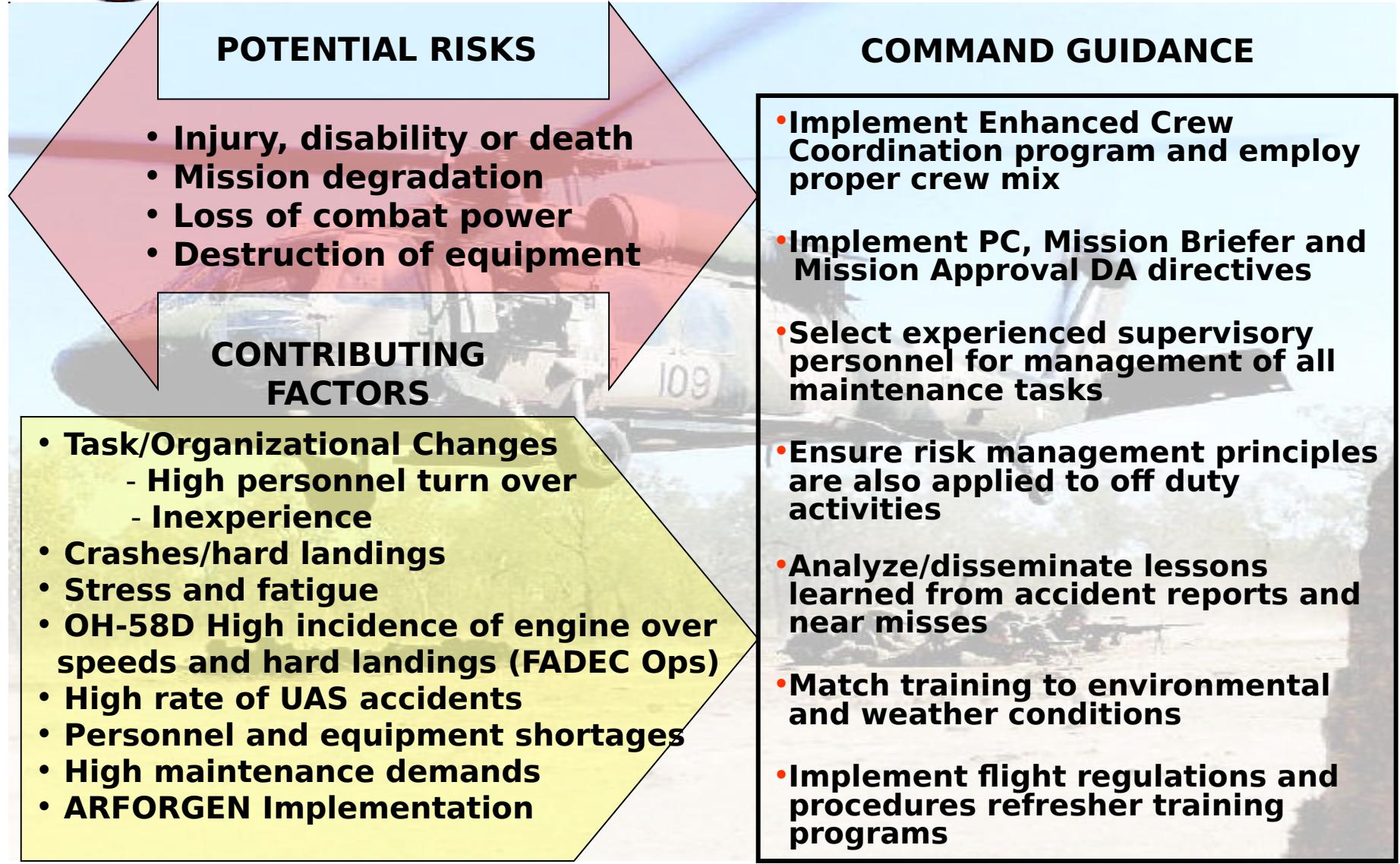
- Negligent Discharges
- Complacency
- Lack of familiarity with assigned weapons
- Muzzle control & awareness
  - Horseplay
- Increased OPTEMPO
- Injuries from improper .50 Cal operation
- Injuries from linking/de-linking ammunition

## COMMAND GUIDANCE

- Train to Army standards for weapons clearing
- Compliance with SOUM 07-007, .50 Cal Machine Gun
- Leader engagement & enforcement of controls
- Install and supervise clearing barrels
- Compliance with Ammunition Information Notice 107-06 (Unit Level De-linking of Small Arms Ammunition)

# Mobilization & Deployment





# Aviation Operations

## POTENTIAL RISKS

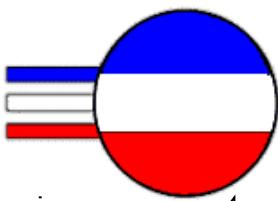
- Injury, disability or death
- Mission degradation
- Loss of combat power
- Destruction of equipment

## CONTRIBUTING FACTORS

- Task/Organizational Changes
  - High personnel turn over
  - Inexperience
- Crashes/hard landings
- Stress and fatigue
- OH-58D High incidence of engine over speeds and hard landings (FADEC Ops)
- High rate of UAS accidents
- Personnel and equipment shortages
- High maintenance demands
- ARFORGEN Implementation

## COMMAND GUIDANCE

- Implement Enhanced Crew Coordination program and employ proper crew mix
- Implement PC, Mission Briefer and Mission Approval DA directives
- Select experienced supervisory personnel for management of all maintenance tasks
- Ensure risk management principles are also applied to off duty activities
- Analyze/disseminate lessons learned from accident reports and near misses
- Match training to environmental and weather conditions
- Implement flight regulations and procedures refresher training programs



# Army Tactical Vehicle Operations

## POTENTIAL RISKS

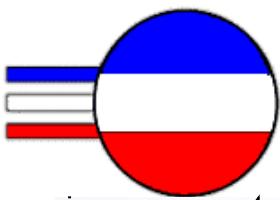
- Injury, disability or death
- In-theater vehicle rollover accidents
- Collisions with civilian vehicles/local nationals/pedestrians

## CONTRIBUTING FACTORS

- Inadequate enforcement of standards
- Insufficient vehicle-specific training
- Inadequate driver training facilities
- Driver attitudes & behavior
- Up-armor kits add weight, changes the center of gravity & handling characteristics
- Poor road conditions
- Off road maneuvering
- Purchasing of non-Army approved equipment

## COMMAND GUIDANCE

- DOD approved driver training for all drivers, co-drivers and vehicle commanders IAW DODI 6055.4, AR 600-55, AR 385-55 & FM 21-305
- Rest cycles (AR 385-55)
- Increase supervised driving time with NCOs as TC/VC for inexperienced drivers
- Driving range improvements and training with up-armored HMMWVs in CONUS / OCONUS
- Stage HMMWV Egress Assistance Trainers (HEAT) for use at CTCs, Mob Sites and major troop installations
- Do not purchase non-Army-approved equipment (example TACOM SOUM 06-12 "Operational" Cooper Sling Seat affects all M1114 Up-Armored HMMWVs)



# Redeployment & Reconstitution

## POTENTIAL RISKS

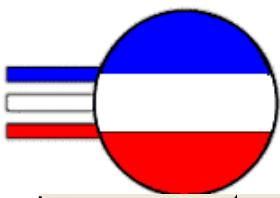
- Injury, disability or death
- Mission degradation/unit morale
- Losing sight of mission and standards

## CONTRIBUTING FACTORS

- Use of deployment earnings on high performance machines and risky recreational activities
- Adverse weather conditions
- Personnel turn-over
- Post Traumatic Stress
- Perceived invincibility - increased acceptance of personal risk
- Complacency & reintegration stressors
- Inadequate rear detachment controls
- Soldier at-risk behavior

## COMMAND GUIDANCE

- Leaders actively engaged in redeployment counseling sessions for Soldiers/families
- Positive control by a dedicated rear detachment commander with a concerned staff
- Deployment Cycle Support (DCS): ensure block training is allotted for risk management
- Post placement programs for marital and mental health counseling should be encouraged
- Required post-deployment decompression period
- Review of stateside driving regulations.



# Preventing Combat Casualties

## POTENTIAL RISKS

- Injury, disability or death
- Mission degradation/unit morale
- Loss of combat power

## CONTRIBUTING FACTORS

- Evolving enemy weapons and tactics
- Acceptance of unnecessary risk to complete the mission
- Failure to incorporate Composite Risk management into mission planning
- Fluid OPTEMPO
- Tactical driving/egress under fire
- Lack of situational awareness
- Stress, fatigue & dehydration

## COMMAND GUIDANCE

- Ensure leaders are trained to use Composite Risk Management FM 5-19
- Conduct effective counter-IED training
  - Update IED briefings to meet evolving threat
  - OIF IED Smart Card
  - TIED2 Simulator
- Conduct multi-level training and preparation for ALL convoys & off-base operations AR 385-55
- Enforce use of Army approved body armor (TACOM SOUM 06-17)
- Train and rehearse rollover drills HMMWV Egress Assistance Trainer
- Ordnance disposal performed only by qualified EOD personnel or Explosive Ordnance Clearance Agents (EOCA)

# Training & Exercises

## POTENTIAL RISKS

- Injury, disability or death
- Mission degradation/unit morale
- Loss of combat power

## CONTRIBUTING FACTORS

- Inexperience with newly fielded vehicles, equipment, and weapons
- Non-school trained vehicle operators
- Minimal training available at CRCs
- Composite Risk Management not incorporated in training
- NTC & JRTC fatalities
  - Realistic training/live-fire ops
  - Light-heavy combined operations
- CONUS/OCONUS port and rail ops

## COMMAND GUIDANCE

- Mandatory pre-deployment weapons immersion training
- Prevention of Cold Weather Injuries IAW TB Med 508
- DOD approved driver training for all drivers, co-drivers and vehicle commanders IAW DODI 6055.4, AR 600-55, AR 385-55 & FM 21-305
- Mission rehearsals & risk assessments for CTC rotations & exercises
- Review, acceptance and mitigation of risk at appropriate level for all operations
- Review and rehearse convoy ops and train convoy commanders
- Inclusion of USAR Army Safety Augmentation Detachment assets

# Transformation

## POTENTIAL RISKS

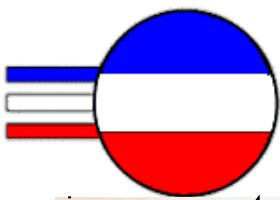
- Manning shortfalls in RC units preclude filling all slots in modular organization
- Safety staffing shortfalls in supporting new organizational structure

## CONTRIBUTING FACTORS

- Rapid pace of change
- Transformation concurrent with war-time missions
- Resource availability
  - Personnel & equipment
  - Training time/resources

## COMMAND GUIDANCE

- Interview and hire safety specialists against FY07 authorizations
- Mandate required safety training for Commanders and additional duty safety officers
- As new Bn Cdrs and their troops become engaged in the ARFORGEN process, fresh enrollment in ARAP for the battalion is required
- Continue to conduct new equipment training
- Ensure sufficient time/resources to adequately train personnel
- Leaders thoroughly study & examine new TTPs - integrate system safety measures
- Integrate BCT level safety specialist into all operations



# Army Readiness Assessment Program

## POTENTIAL RISKS

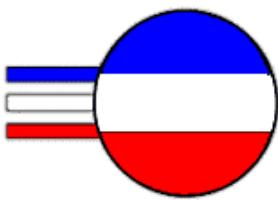
- Lack of visibility on command climate and culture
- Mission degradation/unit morale

## CONTRIBUTING FACTORS

- To better identify and address command issues
- Focused ability to reinforce positive behavior & correct risky behavior
- Better controls on Risk Management
- Lack of metrics/controls that impact unit processes

## COMMAND GUIDANCE

- Memorandum signed 8 Feb 2006 by Chief of Staff of the Army and Secretary of The Army. ARAP will be “used as part of the Command Inspection Program for battalion level commanders”
- 100% registration by FORSCOM battalions
- ARAP Registration by battalion commanders within 90 days of Change of Command and 45 days to complete the assessment after registering
- Monthly reporting requirement to FORSCOM Safety
- Applies to all CONUS FORSCOM units. Deployed units will complete the ARAP assessment upon redeployment



# Areas of Concern - Residual Risk

**Standards & Discipline**

Areas of Concern	Initial Risk	Residual Risk After Controls Added
POV Operations	Ex Hig	Hig h
Weapons Handling	Ex Hig	Hig h
Mobilization & Deployment	Ex Hig	Hig h
Aviation Operations	Ex Hig	Hig h
Army Tactical Vehicle Operations	Ex Hig	Hig h
Redeployment & Reconstitution	Ex Hig	Hig h
Preventing Combat Casualties	Ex Hig	Hig h
Training & Exercises	h Hig h	Mod
Transformation	Hig h	Mod
Army Readiness Assessment Program	Mod	Low



Low Risk



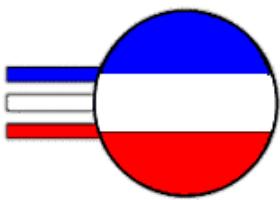
Moderate Risk



High Risk

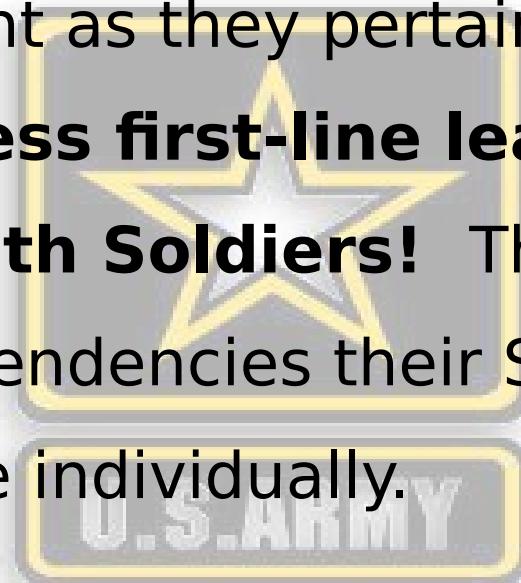


Extremely High Risk



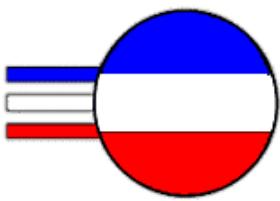
## Commander's 2nd Quarter FY 07 Goal

Our accident and fatality rates are continuing to trend downward! Continue to focus on the tenets of this assessment as they pertain to your commands. **Stress first-line leader engagement with Soldiers!**



They must be aware of any high risk tendencies their Soldiers have and address each one individually.

**ARMY STRONG**



## End State

**Enhanced situational awareness of all leaders regarding their Soldiers and operations.**

**Seamless integration of the Composite Risk Management practices into all operations and a continuance of our ongoing safety initiatives.**

